

**Flood Control Project Maintenance
Levee Inspections**

Fall 2010 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

ST0010	Overall LMA Rating	Total LMA Miles				
Sutter Maintenance Yard Wadsworth Canal	A	9.32				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.04		0.04	0.43%		
Erosion / Bank Caving	0.54		0.54	5.79%		
<i>LMA Totals:</i>	0.58	0.00	0.58	6.22%	0.00	0.00
Unit No. 01 Wadsworth Canal	Overall Unit Rating	Total Unit Miles				
	A	4.66				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Erosion / Bank Caving	0.12		0.12	2.58%		
<i>Unit Totals:</i>	0.12	0.00	0.12	2.58%	0.00	0.00
Unit No. 02 Wadsworth Canal	Overall Unit Rating	Total Unit Miles				
	A	4.66				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Animal Control	0.04		0.04	0.86%		
Erosion / Bank Caving	0.42		0.42	9.01%		
<i>Unit Totals:</i>	0.46	0.00	0.46	9.87%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2010 Levee Inspection Results

Sutter Maintenance Yard Wadsworth Canal

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Sutter Maintenance Yard Wadsworth Canal

Waterway			Bank	Unit Miles
Unit No. 01 Wadsworth Canal			Left	4.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/22/2010		9/21/2010	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Steve Beckley Sutter Yard		Steve Beckley Sutter Yard	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sutter Maintenance Yard Wadsworth Canal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal						Left	4.66	11/09/2010 11/09/2010	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	3.18	3.25	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection.	39.151192 ° -121.735238 °	39.152258 ° -121.734640 °	2 Y
2	3.56	3.59	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.156225 ° -121.732930 °	39.156639 ° -121.732755 °	3 Y
3	3.68	3.68	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.157861 ° -121.732238 °	39.157861 ° -121.732238 °	4 Y
4	4.27	4.27	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.165845 ° -121.728877 °	39.165845 ° -121.728877 °	5
5	4.62	4.62	Earthen Levee	Animal Control	WS	C	Exterminate rodents and backfill and compact or grout burrows.	39.171055 ° -121.727165 °	39.171055 ° -121.727165 °	1

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.66	11/09/2010 11/09/2010	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	3.18
End Levee Mile	3.25
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion at the waterside toe of the levee.

rduffey_f_20101109_262.jpg



Levee Mile Report Line	2
Start Levee Mile	3.56
End Levee Mile	3.59
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside toe of the levee.

rduffey_f_20101109_263.jpg



Levee Mile Report Line	3
Start Levee Mile	3.68
End Levee Mile	3.68
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside toe of the levee.

rduffey_f_20101109_264.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2010 Levee Inspection Results

Sutter Maintenance Yard Wadsworth Canal

Waterway				Bank	Unit Miles
Unit No. 02 Wadsworth Canal				Right	4.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)	
Unit Maintenance Rating (Fall Only)			A		
Date of Inspection	3/22/2010		9/21/2010		
DWR Inspector	Bob Duffey		Bob Duffey		
Accompanied By	Steve Beckley Sutter Yard		Steve Beckley Sutter Yard		

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Signature of LMA Representative

Date

**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Fall 2010

Sutter Maintenance Yard Wadsworth Canal

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Wadsworth Canal				Right	4.66	09/29/2010 09/29/2010	Bob Duffey	

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.07	0.07	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.114936 ° -121.768747 °	39.114936 ° -121.768747 °	3 Y
2	0.68	0.68	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.121957 ° -121.761856 °	39.121957 ° -121.761856 °	8
3	0.82	0.82	Earthen Levee	Erosion / Bank Caving	WS	C	Schedule repair of erosion site prior to the next inspection.	39.123605 ° -121.760282 °	39.123605 ° -121.760282 °	1
4	1.15	1.15	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.127481 ° -121.756519 °	39.127481 ° -121.756519 °	9
5	3.21	3.21	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.151726 ° -121.735531 °	39.151726 ° -121.735531 °	2 Y
6	3.46	3.46	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.155057 ° -121.733985 °	39.155057 ° -121.733985 °	4 Y
7	3.59	3.99	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.156753 ° -121.733267 °	39.162113 ° -121.730997 °	5 Y
8	4.61	4.61	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.170483 ° -121.727473 °	39.170483 ° -121.727473 °	10 Y

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Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	09/29/2010 09/29/2010	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.07
End Levee Mile	0.07
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of squirrel hole along W/S.

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Levee Mile Report Line	5
Start Levee Mile	3.21
End Levee Mile	3.21
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion at the waterside toe of the levee.

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Levee Mile Report Line	6
Start Levee Mile	3.46
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion at the waterside toe of the levee.

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*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2010

Sutter Maintenance Yard Wadsworth Canal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	09/29/2010 09/29/2010	Bob Duffey

Levee Mile Report Line	7
Start Levee Mile	3.59
End Levee Mile	3.99
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside toe.

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Levee Mile Report Line	8
Start Levee Mile	4.61
End Levee Mile	4.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of squirrel holes along the slope.

rduffey_f_20101109_251.jpg



*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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M : Minimally Acceptable CO : Completely Obstructing W : Watch/Monitor
U : Unacceptable N : Not Inspected/Rated